

energized

Volume 5

THE MONTHLY NEWSLETTER FOR ENERGY MANAGERS AND PUBLIC AFFAIRS OFFICERS

Issue 3

Message To Energy Managers:

Jump on the bandwagon! Earth Day is a great opportunity to integrate energy and environmental initiatives and awareness.

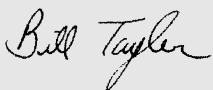
Remember, you're not alone. Combine forces with your activity's Environmental Program. Tap into the local events taking place around your base.

Drum up publicity by using the resources at your disposal: your Public Affairs office, e-mail, base newspaper, billboards, etc. Post your scheduled events on the Earth Day Network web site.

Utilize the resources described in this special issue devoted to Earth Day. Spread the Good News of the sustainable economy, and have fun doing it.

Congratulations to MCRD Parris Island, winner of the FY 98 SECNAV Energy Award in the Marine Corps Large Shore Category, which is conserving resources in the true Earth Day spirit.

Sincerely,



William F. Tayler
Navy Shore Energy
Program Manager

DON EARTH DAY THEME: PRESERVING OUR PAST, PROTECTING OUR FUTURE

"This theme was designed to focus our efforts on reaching out to young people, while strengthening our efforts to protect people and the environment, now and in the future," says Assistant Secretary of the Navy for Installations and Environment Robert B. Pirie Jr. While Apr. 22 is the official Earth Day, Pirie encourages Navy and Marine Corps personnel to plan activities throughout the year to mark DON's commitment to protecting the environment.

Earth Day Network, the international organization coordinating Earth Day 2000 events worldwide, promises to make the 30th anniversary of the original Earth Day the grandest event by far. Celebrations are planned for most major cities worldwide. Major events will be taking place in Washington, DC, New York, Los Angeles, Chicago, Atlanta, Boston, and San Diego. Visit their website at <http://www.earth-day.net>

Look up events scheduled for your community on the Earth Day Network Home Page and join in the momentum. Post a listing of your event to the site to ensure a huge turnout.

Be sure to check out the Earth Day Store for teaching items (Earth Day Network Organizer's

Guide \$5.00, The Official Earth Day Guide to Planet Repair \$9.00, Teaching Wheels \$4.00), and "earth friendly" promotional materials.

"Earth Day 2000 will be a truly global event," said Denis Hayes, National Organizer

of the first Earth Day in 1970 and Chair of Earth Day Network. "We are currently working with over 3200 organizations in 167 countries, and by Earth Day 2000 we will have a presence in every country in the world. More than 500 million people will participate in Earth Day events worldwide, voicing a collective call for clean energy and a healthier environment."

For the first time, Earth Day will focus on one single aspect of the environment — energy, and the attendant issue of global warming. The Earth Day 2000 Clean Energy Now! campaign centers on the Clean Energy Agenda, a blueprint for an intelligent shift to clean, renewable energy sources.

"Earth Day 2000 ushers in a new millennium for the environment and no issue is more critical to our future than global warming," said John Adams, President of the Natural Resources Defense Council and Earth Day Network Board

Every kWh saved keeps 11^{1/2} lbs of CO₂ from being pumped into the atmosphere.

Energy accounts for 90% of U.S. greenhouse gas emissions.

Buildings are a major source of air pollution. They cause 49% of CO₂ emissions, 25% of NO_x emissions, and 10% of particulate emissions.

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DON Energy Awareness Website: Access the tools on the Navy Energy website for ideas, planning tips, and tools. Set your browser to <http://energy.navy.mil> and scroll down the left-hand column to the Awareness pick.

DON EARTH DAY THEME: PRESERVING OUR PAST, PROTECTING OUR FUTURE

Continued from page 1

member. "That's why our campaign focuses not only on the problem of global warming, but also on the solution — clean energy."

In the United States, the flagship event will be a huge gathering on the Mall in Washington, D.C. Leonardo DiCaprio, one of the nation's most popular celebrities, will serve as chairman for the Mall event.

Washington, DC DON events

One of DON's largest Earth Day celebrations will be close by at the Navy Memorial. The outdoor event is expected to attract thousands of families and school children visiting the nation's capital during Spring break. Navy Earth Day will include environmental displays and a noon concert by a Navy Band. The DON Energy Program is providing electric/alternative-fueled vehicles.

Events will be held outside at the Navy Memorial on Friday, 21 April from 10 am to 2 pm, rain date Monday, 24 April.



Earth Day: An Opportunity for Energy Managers

Earth Day provides one of the few occasions each year to bring energy to the forefront. Take advantage of the environmental euphoria to point out the connection between a clean, healthy environment and the hallmarks of the

DON Energy Program: energy and water efficiency, renewable energy, and sustainable development. **To assist in your efforts, the**

DON Energy Program is sending you substantial quantities of light bulb-shaped stress

balls to distribute throughout your commands. *Reducing Greenhouse Gases: It's a Bright Idea* will be imprinted on the stress balls.

Transportation accounts for 32% of U.S. CO₂ emissions, and its percentage is rising.

Steps You Can Take:

- Make the stress balls part of an incentive package and distribute to base personnel who have made an exceptional contribution to saving energy and

Buildings produce 35% of our CO₂ emissions, the chief greenhouse gas blamed for climate change.

water and helping relieve stress on the environment.

- Use the resources

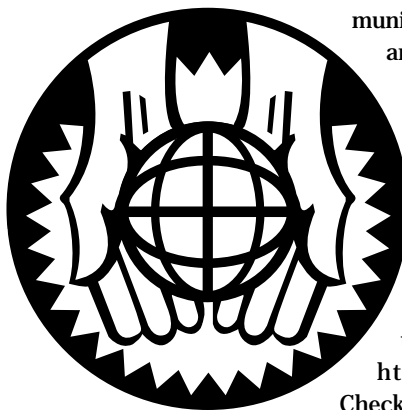
available in this issue, and at the

Navy Energy web site. Go to <http://energy.navy.mil>, select the Awareness/Awards pick, and Tools. You'll find plenty of ideas and suggestions for planning a variety of fun events. Get your CO to sign on, and enlist the support of MWR, local utilities, and base clubs. Under 365 Energy and Water Facts, Environmental Consequences of Energy provides the facts you'll need to demonstrate the impact of energy on the environment. Extract tips relevant to your specific activity from Energy Tips & Clips Diskette or 175 Tips to Save

Energy. Place them in the Plan of the Day/Plan of the Week.

- Make visually appealing flyers and posters to distribute through your Building Energy Monitors by adding images from the Tips and Clips Diskette. Or use the DON Energy Efficiency Clip Art CD-ROM distributed last year as part of your promotional materials.

- Make sure your Public Affairs Officer has a copy. Encourage your PAO to widely promote Earth Day and any events you, your Environmental Program, and your community have planned in the base and local newspapers.



Pals of the Earth

Looking for fun things to do for Earth Day, but don't have a budget? Then visit the PlanetPals web site:

<http://www.planetpals.com/>

Check out the EARTHDAY Page, and the FREE BEEZ Page.

Much of the material is oriented toward youngsters, but you'll find plenty of great things to do for all ages. Send a colorful electronic Earth Day post card complete with animated graphics and music! At the FREE BEEZ page, select either the Earth Day Greetings or Earth Day Stickers pick.

Recycle Kit 1 is a print and cut out kit with the PLEASE CLOSE THE DOOR doorknob hanger, PLEASE TURN THE LIGHTS OFF sticker and DON'T BE A DRIP sticker. Recycle Kit 2 is a

print and cut out kit on recycling. Recycle Kit 3 is a recycling poster.

There's plenty of fun for the kids, including a jigsaw puzzle, a crossword puzzle, and a coloring page. If you have Internet access to this site and are equipped with a printer, you're ready to go.

Enter the Alliance to Save Energy's Earth Day contest to win fabulous energy-efficient home prizes. In honor of Earth Day 2000, the Alliance to Save Energy is giving away energy-efficient/Energy Star products ranging from a Whirlpool Resource Saver clothes washer and Conquest side-by-side refrigerator to insulation and compact fluorescents.

Try your luck. It's easy. Set your browser for <http://www.ase.org/earthday/contest/index.htm>

Just complete the four-question quiz, check out the prizes, then fill out the entry form.

You must be 18 years of age to enter. One entry per day is permitted each day until the contest ends at noon EDT April 28, 2000. The winners' names will be drawn that evening. Good Luck!!!

SECNAV ENERGY AWARD WINNERS

Marine Corps Recruit Depot (MCRD) Eastern Recruiting Region, Parris Island is the winner of the FY98 Secretary of the Navy Energy Award in the Marine Corps Large Shore Category - receiving a monetary award of \$45,000 and the privilege of flying the SECNAV energy flag for one year.

The Depot is operating Decision Support of Operation & Maintenance II (DSOM II), an innovative system developed by DOE's Pacific Northwest National Laboratory (PNNL), that not only monitors but also improves the operation and maintenance of the Central Power Plant. The DSOM II system cost \$1.825 million and will save \$491,000 and 122,271 MBTU annually.

In 1998, the Depot and PNNL neared completion of the final state of design for a Metering and Integrated

MCRD PARRIS ISLAND ADOPTS INNOVATIVE ENERGY MANAGEMENT

Control Network that incorporates the DSOM II and other monitoring, management and control systems into one network, integrating all energy management into one function.

MCRD Parris Island replaced R-11 chillers with Thermal Energy Storage energy-efficient chillers in four buildings. Low-cost "Cheaper By The Dozen" projects are saving nearly \$115,000 a year.

An energy-efficient lighting retrofit in the 3rd Battalion barracks costing \$505,000 is saving \$238,447 and 949 MBTU annually.

The Depot continues to receive an annual cost avoidance of \$1,850,000 as a result of the Depot's interruptible gas contract with the local utility SCE&G.

For more information, contact Mr. Ronnie Meyers at 843-525-2720 or Mr. Rick Pierce at 843-525-2126.

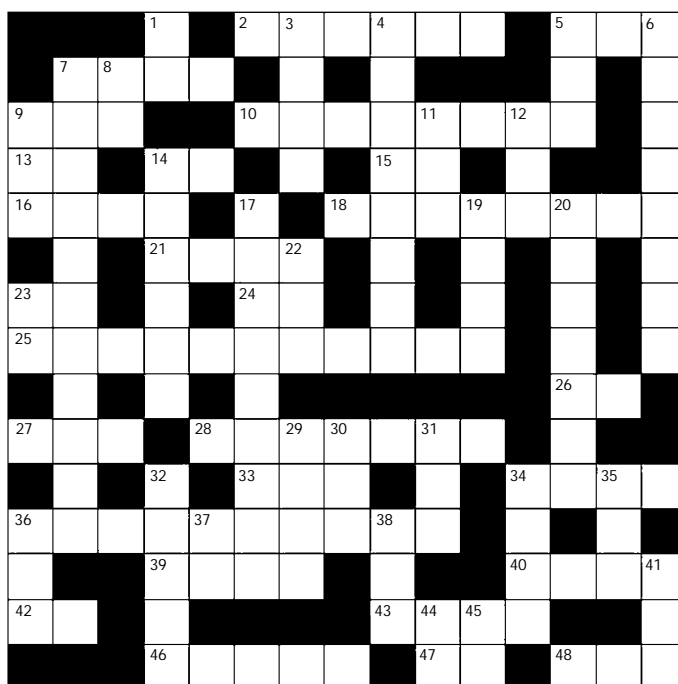
DON EARTH DAY 2000 PUZZLER

ACROSS

2. _____ Warming
5. Energy use greatly affects the _____ we breathe.
7. Urban _____ causes respiratory problems.
9. To satisfy a claim by instituting legal proceedings
10. Save
13. 3rd person singular present tense for verb TO BE
14. A laugh; also abbr for hectare
15. Battery-powered car
16. To remain in place
18. 30% of the ground fleet at NUWC Det AUTEC consists of these clean vehicles.
21. A fleshy root used as a vegetable or sugar source
23. Hello
24. Thus
25. Protect the _____.
26. Head of an activity
27. Period of a tide between high water and a succeeding low water
28. _____ foods are grown without pesticides.
33. Automobile
34. U.S. Green Building Council rating system
36. Largest renewable energy source produced by DON
39. To throw
40. Reduce energy consumption per square _____ by 35% by FY2010
42. Spanish for "yes"
43. Long fluorescent
46. _____ energy for _____ air and a _____ environment.
47. Abbr of New York
48. Ship that can operate both on the surface and underwater

DOWN

1. To perform; accomplish
3. A diving bird with a laughlike cry; also a crazy person
4. Year (FY 1985) against which energy savings are measured
5. Military pilot who has shot down 5 or more enemy planes
6. Buy products with _____ content.
7. _____ development promotes green building.
8. The direct object of "I;" also abbr of Maine
9. Abbr for "sister"
11. Adam's wife and mother of humankind
12. One who has served in the armed forces
14. Type of car with both gasoline engine and electric motor
17. Conserve our precious natural _____.
19. Well-designed green buildings consume fewer resources and _____ less to build.
20. Everyone should _____ paper, cans, and bottles.
22. This amount by weight of recycled paper saves 4,200 kW of electricity
23. Male counterpart of "she"
29. Fish with long snouts and elongated bodies covered with bony plates
30. Weapon
31. Sick
32. Add insulation to your _____.
34. Energy efficiency improves quality of _____.
35. 3-letter word for "green" or "sustainable."
36. CO₂ is the major greenhouse _____.
37. What Santa says three times
38. Paintings are a work of _____.
41. A spa or hot _____ consumes a lot of energy.
44. International organization to which most countries belong
45. Close to





Check it Out

CHECK OUT ECO-MALL

Trips to the shopping center are harmful to the environment. Your car, truck, van or SUV consumes precious fossil fuels and pollutes the environment. Save your transporting expenses and pollution by joining the e-commerce revolution.

Are you concerned with the purchases you make when you get to the mall, whether brick or Internet-based? Do your purchases come over-packaged? Do they consume large amounts of electricity, fuel, or water when used? Stymied in what to do?

Try shopping at the Eco-Mall at www.ecomall.com

Eco Mall has "stores" with products that cover just about every area of sustainable living, including recycling, energy conservation, renewable energy, eco travel, transportation, natural pest control, air and water quality, and natural health. You'll find products for the home, garden, pets, and office. The MAGAZINES "rack" has links to many progressive energy and sustainable magazines and newsletters. The VIDEOS "store" has videos and CD-ROMs. The Video Project, for example, which claims to be "the nation's non-profit source of educational programs for a safe and sustainable world," has Earth Day specials on renewable energy, wind energy, and hydrogen videos.

Scroll down to IN-HOUSE REOURCES to join an eco chat room, read environmental news stories, find Earth Day resources, and much more.

Kermit the Frog reportedly said, "It's not easy being green." Eco Mall makes it easier.

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Watts News?

We want to hear from you.

Tell us about the energy initiatives you're working on, the problems you encounter, and the solutions you discover.

Submit article ideas, comments, or questions to:

Dean Ryan Consultants & Designers, Inc.
1733 King Street, Third Floor
Alexandria, VA 22314
phone: 703-548-8115
fax: 703-548-6855
e-mail: deanryan@idsonline.com

Be sure to include your name and commercial phone number

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ENERGY EFFICIENCY

Department of the Navy
Commanding Officer
NFESC
Code: ESC 22
1100 23rd Avenue
Port Hueneme, CA 93043-4370